

Some Facts Concerning Fertilizers.

In view of the wide-spread and constantly increasing use of commercial fertilizers in the State of Alabama, it seems well to place before the public a few simple facts concerning these.

Of the some twelve or fourteen elements used by plants, only three—nitrogen, phosphoric acid and potash—are ever so deficient as to require application. A word as to the function of each of these may not be inappropriate.

Nitrogen, which is most often secured in the form of cotton seed meal, dried blood and nitrate of soda, produces stalk and leaf growth in all crops. This is the most expensive of the three fertilizing elements, costing as it does at present more than 20 cents a pound.

Phosphoric acid produces always the opposite effect of nitrogen—that is, instead of forming stalk and leaf growth its function is the production of fruit and the hastening of maturity. The present price of phosphoric acid is approximately 6 cents per pound. These two elements are needed or most of the upland soils of Alabama.

Potash, the third element, is the least deficient of the three and its main functions seem to be in producing plant vigor and in the prevention of disease. Generally speaking, applications of potash have not paid on Alabama soils for corn nor with cotton except where there has been a tendency to "black rust."

If the above facts are borne in mind in the purchase of commercial fertilizers one cannot go far wrong. As a concrete illustration, let us suppose that we have deep sandy soil which grows a very small cotton stalk and is somewhat subject to rust. It is evident that we need a fertilizer that will produce a larger stalk and at the same time prevent rust.

To secure these results we must apply some cotton seed meal or some other form of nitrogen, about 100 pounds of kainit per acre, and also some phosphoric acid to produce the fruit. A fertilizer mixture for the best result on this type of land would consist of say 150 pounds of cotton seed meal, 150 pounds of 16% acid phosphate and 100 pounds of kainit per acre, applied just before planting.

As another illustration let us take a piece of land that produces a cotton stalk say 34 or 4 ft. high. If we are to plant this land in cotton again we may readily decide it does not stand in need of a nitrogenous fertilizer. From two to three hundred pounds of 16% acid phosphate per acre for the production of fruit will about meet the needs of such a soil, plus 100 pounds of kainit per acre if there be a tendency to rust.

An important fact to be borne in mind in fertilizing corn is that it always requires a heavier application of nitrogen than cotton on the same grade of land. All cereals and grasses are heavy users of nitrogen. On a piece of land that last year produced say one and half feet high, about the proper proportion would be two parts cotton seed meal and one part acid phosphate, applied just before planting. On better grades of soil, increase the phosphoric acid and decrease the nitrogen content.

All Alabama soils respond to the use of stable manures, is-dimmonous crops, cottonseed meal, dried blood and nitrate of soda. The use of acid phosphate on heavy, black prairie soils is of somewhat doubtful value, but some experiments indicate that it will probably pay on red prairies, and it will certainly give good results on practically all the other soil types of Alabama. Kainit may be profitably used on cotton on any land where there is a tendency to rust.

Generally speaking, all fertilizers should be applied at or before planting time, the most notable

Scott's Emulsion

is a wonderful food-medicine for all ages of mankind. It will make the delicate, sickly baby strong and well—will give the pale, anemic girl rosy cheeks and rich, red blood. It will put flesh on the bones of the tired, over-worked, thin man, and will keep the aged man or woman in condition to resist colds or pneumonia in the winter.

FOR SALE BY ALL DRUGGISTS

Send 10c. name of paper and this ad. for our beautiful Emulsion Book and Child's Emulsion Book. Each book contains a Good Luck Penny.

SCOTT & BOWNE, 409 Pearl St., New York

(Exception being nitrate of soda. O. a account of its ready solubility nitrate of soda should always be used as a side application or as a top dressing. Applied in this way to oats about the time they begin to boot and to corn just before it begins to tassle, this fertilizer has paid handsomely. One hundred pounds per acre has given the most profitable results.

B. L. Moss, State Agent, Farm Demonstration Work.

When You See The Bell.

On the bottle you have our guarantee that you are getting the best and most reliable remedy. Dr. Bell's Pink-Tar-Honey has millions of satisfied users. At all dealers.

He Never Got His Money Back. Sutherland's Eagle Eye Salve cured his eyes and he didn't want it. Painless and harmless. 25c at all dealers.

California, where nearly everything that grows can be raised, gets nearly \$2,000,000 out of a crop of 9,000 tons of walnuts. The gold mines of California in the ground following the days of forty-nine were poverty stricken to the wealth that now flows every year from the surface of the soil. —New York Press.

What Can We Say

More than if you are not satisfied after using Sutherland's Eagle Eye Salve we will refund your money. 25c at all dealers.

CASTORIA

The Kind You Have Always Bought, and which has been in use for over 30 years, has borne the signature of Dr. J. C. Ayer and has been made under his personal supervision since its infancy. Allow no one to deceive you in this. All Counterfeits, Imitations and "Just-as-good" are but experiments that trifle with and endanger the health of Infants and Children—Experience against Experiment.

What is CASTORIA

Castoria is a harmless substitute for Castor Oil, Paregoric, Drops and Soothing Syrups. It is Pleasant. It contains neither Opium, Morphine nor other Narcotic substance. Its age is its guarantee. It destroys Worms and allays Feverishness. It cures Diarrhoea and Wind Colic. It relieves Teething Troubles, cures Constipation and Flatulency. It assimilates the Food, regulates the Stomach and Bowels, giving healthy and natural sleep. The Children's Panacea—The Mother's Friend.

GENUINE CASTORIA ALWAYS

Bears the Signature of

Dr. J. C. Ayer

The Kind You Have Always Bought

In Use For Over 30 Years.

THE CASTORIA COMPANY, 27 N. BROAD STREET, NEW YORK CITY.

The Two Big Stores and Sales Stables of Clark & Patrick

are full of the most desirable offerings to a discriminating trading public. Our stocks are large and well selected; they are fresh and clean; especially do we call attention to our line of hardware, which is a fine and complete stock of the very latest things in hardware. This is the season when tools are needed, and we offer you the World's best —"DIAMOND EDGE." None are so reliable.

KANT-BE-BEAT CLOTHING is in a class to itself; it is low enough in price to appeal to your pocket-book, while it is high enough in quality to be what you want to buy, and every garment will please as time rolls on; the styles are up-to-date.

IN SHOES we handle exclusively, the famous "Peters Diamond Brand" for Men, Women and Children. Our leaders are CORKER shoes for boys, the sort that stands the wear. CHAMPION for men, RINGER for children, and DIAMOND SPECIAL for ladies; they are all honestly made, of good leather, and they are just what we say they are when you buy them.

OUR SALE STABLE carries a nice line of FLORENCE WAGONS, the steady dependable sort, made like the old time wagons, to last and run easy, and the celebrated CARMICHAEL Buggies, made of second growth hickory. We can serve you well on a buy or trade.

We want to please you, and we will do it if you want good values, close prices and fair treatment. Come to see us.

We buy cotton and sell fertilizers.

CLARK & PATRICK,

West Side Square, Elba, Alabama.

Commission Decides Lessee Not Complying With Lease Terms. It is said that unless the Nashville, Chattanooga & St. Louis railroad, lessee of the Western & Atlantic railroad, which is the property of the State of Georgia, sees fit to abide by the terms of its lease in the matter of freight rates from Atlanta to Chattanooga it may become necessary for the governor to declare the lease void and take over the road.

After thorough investigation, the railroad commission has reached the decision that the Nashville, Chattanooga & St. Louis Railroad Company is not complying with the terms of its lease in this important particular and will immediately certify the case to Governor Brown for whatever action he may deem advisable.

MONEY TO LOAN.

10 YEARS AT THE LOW RATE OF 7 1/2 PER CENT. ON IMPROVED FARM LANDS.

I have placed plans for some of the best men in the county, let me place a loan for you.

LAWRENCE HAM, Tax Assessor's office Elba. SEE J. N. HAM, Enterprise.

MONEY TO LOAN.

Many Thousand Dollars on Long Time and at Low Rates of Interest on Improved Farm Lands. My Company has done business fairly, honestly and with satisfaction to customers for many years. We have a desirable chance, the best to be had. Bring your deeds.

Fourth Assistant Postmaster General Dr. Graw has taken on the role of good roads booster. He has charge of the rural free delivery service, and in a letter to postmasters he threatens to discontinue the service in localities where the roads are not kept in good condition.

The postmasters are directed to inform themselves of the road conditions and keep watch of the amount of attention paid to them by local authorities. If improvements are necessary, in the opinion of the postmaster, he is directed to bring the matter to the patrons of the road, and also the local authorities. If, after a reasonable time, no improvement has been made, he is ordered to notify the Postoffice Department officials, and the service will be discontinued.

The Department is not immediately concerned in elaborate road improvements, says Mr. DeCraw's letter, but in the interest of the best service to the greatest number, it must insist upon roads being kept to good repair.

Postmasters are also asked to urge upon residents on rural delivery routes the advisability of painting their mail boxes and posts white and of honoring their

ATLANTIC COAST LINE

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THROUGH PULLMAN SLEEPERS

Schedule of Trains Going East: Train No. 60 4:55 A. M. Train No. 62 12:30 P. M. Train No. 38 8:05 P. M.

Trains Nos. 60 and 62 daily except Sunday. Train No. 38 Sunday only.

Direct connection at Port Tampa with P. & O. S. S. Co. ships for Key West and Havana.

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Schedule figures are given as information and are not guaranteed. Fifteen cents saved by buying tickets from agents. For further information see ticket agent or write E. M. North, AGT. G. A. Cardwell, GA. Savannah, Ga. Montgomery Ala.

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THE ELBA CLIPPER.

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ONE DOLLAR A YEAR.

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ELBA, ALABAMA TUESDAY, JANUARY 17, 1911.

WIREGRASS HIGH ON THE COMMITTEES.

Pittman, Parks and Mulkey All Get Big Chairmanships When Plums Are Handed Out.

Southeast Alabama voted pretty near solid against Butler County representative for speaker of the House, and although the Speaker is from Colbert, about as far away as he could be and in Alabama, still he remembered his friends in the wiregrass. Way back in the seventies, when the elder Parks, Wm. C. Oatis, Gappa T. Yalverson, Jesse M. Carmichael and Joe P. Hubbard used to go to the legislature from this section some big committee places came to this section, but since then has there been such preference shown the members from the Wiregrass. Good senate appointments came in years to senators Arrington, Gamble and Gardner, but this section has been left in the cold, so to speak, in the house till this time.

For many years judiciary has ranked as the first committee in importance, with revision of laws a close second; Parks, of Covington gets chairmanship of judiciary and Mulkey, of Geneva, the chairmanship of revision of laws.

Another big committee this session, when there is so much to do about fees and costs is the committee on fees allowances; this chairmanship comes to Pittman, of Coffee, a well-deserved recognition of our representative on local legislation, revision of laws, agriculture, and insurance appropriations, the last named having to do with the spending of the twenty million dollars that comes into the state treasury every quadrennium. Representative Capps of Henry, gets chairmanship of the committee on Counties and County Boundaries, and Whitley, of Houston, gets chairmanship of Committee on Agriculture.

Senator Felmar is chairman of the committee on Federal relations, and is on committees on local legislation, education, public roads, privileges and elections. This is a very fine assignment, and shows how our senator stands.

Senator Stokes, of Dale, is chairman of the committee on public printing and senator Esby, of Henry, is at the head of the committee on penitentiary and punishment, and each gets good assignments on other committees.

names upon the boxes in large black letters.

Solves A Deep Mystery. "I want to thank you from the bottom of my heart," wrote C. B. Rader, of Lewisburg, W. Va., "for the wonderful double benefit I have derived from Bitters in curing me of both a severe case of stomach trouble and of rheumatism, from which I had been an almost helpless sufferer for ten years. It suited my case as though made just for me." For dyspepsia, indigestion, jaundice and to rid the system of kidney poisons that cause rheumatism, Electric Bitters has no equal. Try them. Every bottle is guaranteed to satisfy. Only 50c at Harp Drug Co.

Two Things That Pay. Jasper Eagle. It is a poor policy to use "scrub" seed in planting or sowing the crops as it is to raise scrub stock. But a majority of our farmer friends already know this and are as particular about their seed as they are about their crops. Good stock and good seed both pay.

Old Soldier Tortured. "For years I suffered unspeakable torture from indigestion, constipation and liver trouble," wrote A. K. Smith, a war veteran at Erie, Pa., "but Dr. King's New Life Pills fixed me all right. They are simply great." Try them for any stomach, liver or kidney trouble. Only 25c at Harp Drug Co.

Child Discovers Rich Gold Deposit. Tallapoosa, Ga., January 15.—(Special.)—The discovery of a large gold nugget by a child on the farm of John W. Harris, four miles from Tallapoosa, is believed to indicate rich deposits of yellow dust.

A small quantity of gravel where the nugget was discovered was panned out and other gold was found.

This place is directly in the rich Georgia gold belt and it is believed the discovery is an important one.

Kodol For Indigestion. Relieves sour stomach, palpitation of the heart. Digests what you eat.

New Officers.

Yesterday was the day for the new county and state officers to take up their duties. Judge Rowe and Clerk Brock were already in office, Sheriff Stewart was the only one of the new officials to take charge for the first time.

Sheriff Stewart is one of the most popular men in the county, and will make a fine officer. He is perhaps the youngest sheriff Alabama now has. He has organized his office force by the appointment of Mr. Parker Stewart as deputy at Enterprise and Mr. C. R. Davis as chief deputy and jailer at Elba. Sheriff Stewart will divide his time between the two offices, but his family will reside at Enterprise. He has begun his career under most auspicious circumstances, and we predict for him a successful official record.

Judge Rowe and Clerk Brock continue their offices as heretofore. Register in Chancery M. A. Owen was yesterday reappointed by Chancellor Gardner, his appointment last summer having been only till the new Chancery term of six years begins.

Held Without Bond.

Geneva Reaper.

The preliminary trial of Joel Aycock, Alto Barsfoot and Mack Paul, charged with assaulting the family of a man by the name of Adkinson at Highgate about two weeks ago, was held Friday before the Justice of the Peace F. J. Laird, and the two former were bound over to the grand jury without bond, while Paul was released on bond of \$500. The attack is reported to be one of the most diabolical heard of in this section for a long time, almost all the members of the family being wounded, and Mrs. Adkinson being repeatedly mistreated, so is alleged.

Rumors have been current for the past week that friends of Aycock and Barsfoot would attempt their rescue from the county jail, and Sheriff Jenkins has been on the alert to thwart any such designs. Saturday night at a late hour the sheriff who was on guard with a heavily loaded shotgun, says he noticed five or six parties approaching the jail, and they, on seeing someone on guard, called out, "Who is that?" The captain not replying, one of them remarked that a 38 sent over it that direction would answer.

Of the donations by women philanthropists, Mrs. Russell Sage is the leading one. She gave \$2,000,000 to build a town for home-making families or moderate incomes.

Five desperate prisoners escaped from the Fulton county Tower, in Atlanta, by sawing through the bars of the corridor window on the fourth floor and sliding down a rope made by tying their blankets together. They were A. R. Knox and Charles Sutton, charged with highway robbery; Edward Brooman and Harry Langdon, who burglarized a store on South Pryor street Christmas eve, and John Withrow, of Fannin county, wife murderer.

On Tuesday an order was received from Judge H. A. Pearce, to remove them to Houston county jail for safe keeping, and Wednesday afternoon at 5 o'clock Aycock and Barsfoot, accompanied by Sheriff Jenkins and Deputy Stewart, of Hartford, boarded an auto and left for the Houston County jail at Dathan.

The Mercy Home, an industrial school for indigent and waif girls, located at Birmingham, was asked for aid from the state. It is a worthy and needed institution, but it does not meet the need of state for taking proper care of girls and women who are convicted of crime or need restraint to help them become useful members of society. What is needed is a place absolutely under control of the state, to which the courts can send this class of criminals to serve out a sentence, and where they can be taught some useful occupation, and fitted to earn an honest living when given their liberty. Such a place is maintained by the state for boys, why not give the girls a chance?

MILLIONAIRES OPEN PURSES LIBERALLY

Record-Breaking Year For Public Gifts.

TOTAL ABOUT \$150,000,000

Carnegie Heads List For Philanthropic Giving and John Rockefeller Runs a Close Second With Gifts Totalling Some \$17,000,000.

With gifts for public purposes totaling \$19,816,900, Andrew Carnegie heads the list of record-breaking years for philanthropic giving. John D. Rockefeller ran a close second with \$17,000,000, with Isaac C. Wyman a rather poor third with a paltry \$10,000,000. The total benefactions reach the enormous sum of \$150,000,000.

This sum would more than pay for a year's maintenance of the German navy or the American army or navy, and would pay the debt of Greece or of the countries of Norway and Denmark. It divided equally among the inhabitants of the United States each person would receive about \$1.75.

\$100,000,000 in Ten Years. The sum of the amounts given during the last ten years would make about \$1,000,000,000. This amount, if collected and saved for a single purpose and bearing interest would almost wipe out the entire debt of the United States.

Mr. Carnegie, besides his \$10,000,000 peace gift, gave \$3,000,000 to ten cities for the benefit of public school teachers, \$2,500,000 to his technical school, \$2,000,000 for a German hero fund, while the balance went to various institutions.

John D. Rockefeller gave \$1,000,000 to the Chicago university, \$325,000 to the hospital for medical research, \$240,000 to the Young Men's Christian Association expansion fund, \$200,000 to the Harriman park and the balance in various smaller denominations.

Wyman Takes Third Place. Isaac C. Wyman takes third place by giving \$10,000,000 to the graduate school of Princeton university as a memorial of his "lasting affection" for his alma mater.

The United States Steel Corporation put aside \$8,000,000 for which to pension disabled employees. This, added to the \$4,000,000 previously given, makes \$12,000,000 dedicated for that purpose.

David Rankin, Jr., who desires to become poor, gave his fortune of \$3,000,000 for the maintenance of the Franklin School of Mechanical Trades, which is to aid poor boys.

Anonymous Gift of \$2,000,000. An anonymous donor gave \$2,000,000 to the "Economic and General Foundation." Thomas Murdoch left an estate of \$2,500,000 to the Presbyterian hospital of Chicago.

With a view to establishing in New York the greatest medical school in the world and creating one of the world's centers of medical teaching and research, \$3,000,000 was raised by Columbia university. J. P. Morgan gave \$2,000,000 to various charities, including \$500,000 to the Harriman park.

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NOTES FROM THE SOCIAL CAPITAL. The Heyburn rate law, making the initial carrier liable for loss of interstate shipments during transportation, not only on its lines, but also on those of connecting lines, was declared to be unconstitutional by the supreme court of the United States. A stubborn fight was made against the amendment as a radical departure in rate legislation.

The fight of the federal government to have the "labor contract" law of Alabama declared unconstitutional is usually met with success when the supreme court of the United States holds the law invalid. The government claimed that the law reduced hundreds of negroes to a state akin to peonage.

The fight against the policy of the state guaranteeing bank deposits met with telling reverses when the supreme court of the United States held constitutional the bank guaranty laws of Oklahoma, Nebraska and Kansas.

RAL WILLIAM BLOTH.

Veteran Leader of Salvation Army Is Going Blind.



FATAL TRAIN WRECK.

Six Persons Killed in Accident Near Van Lear, Ky.

Six persons were killed in a wreck on Millers Creek Railway, near Van Lear, a few miles above Paintsville, Ky. Of the victims four were passengers and the others trainmen. The accident was caused by a collision between a locomotive and three coal cars of a mixed train which broke away while the accommodation was coming down the branch line to connect with the Chesapeake and Ohio passenger train at Van Lear. On the return trip the mixed train collided with these cars. The men who were killed were riding on the pilot of the locomotive.

FROM HER TOMB MRS. EDDY TO RISE

Startling Declaration Made by Mrs. Stetson.

SAYS MRS. EDDY NOT DEAD

Ex-communicated Leader of the First Church of Christ, Scientist, Says the Millennium Will Also Begin With Resurrection of Mother Eddy.

Mrs. Augusta E. Stetson, the ex-communicated leader of the First Church of Christ, Scientist, in New York, says that the hour has come when she must stand before the whole world of Christian Science, who, as the world believes, died at her home in Newton, Mass., on December 3.

"Mrs. Eddy is not dead," said Mrs. Stetson. "As Jesus Christ revealed himself on the third day after his crucifixion and later was seen of a company of 500, so Mrs. Eddy will be raised from the tomb and will manifest herself to all the world in proof of her teachings that there is no death. With this demonstration of herself in a form that will be visible to all the world the end of the gospel age will be signalled."

"With Mrs. Eddy will come Christ, the Truth, and the Millennium, seen by John on Patmos, will be with us. Then will all of faith find that there is no death, and those who see and believe will never die."

It is announced that Jack Johnson, the heavyweight champion, has accepted definitely the offer made some time ago of \$25,000 to go to Paris in April and fight the winner of the approaching match between Joe Jeannet and Sam Langford.

A Paris dispatch from Madrid states that advice from Lisbon describe the political situation in the new republic of Portugal as threatening. The government is reported as not sure of the loyalty of the army and navy.

POOR ORIGINAL

BLEED THROUGH

